## **EAST Search History**

## EAST Search History (Prior Art)

| Ref# | Hits    | Search Query  | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------|---------|---|--|---------------------|---------|---------------------|
| L1   | 1783036 | (((data adj4 process<br>\$3) printer fax<br>facsimile)  | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | OFF     | 2009/09/07<br>18:44 |
| L2   | 9156    | (file job) adj4 ((data<br>adj5 structure)<br>architect\$5)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | OFF     | 2009/09/07<br>18:45 |
| L3   | 1439386 | (input\$4 receiv\$4)<br>with (port section<br>interface)  | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | OFF     | 2009/09/07<br>18:46 |
| L4   | 670500  | output\$3 with (port section interface)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB  | OR                  | OFF     | 2009/09/07<br>18:46 |
| L5   | 18722   | (plurality many<br>multiple) with<br>(compress\$4expand<br>\$3 (compress\$4<br>adj5 decompress\$3)<br>(cod\$3 adj4 decod<br>\$4) (compress\$4<br>adj3 expand\$3)<br>(encod\$4 adj3 decod<br>\$4)) | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENIT;<br>IBM_TDB | OR                  | OFF     | 2009/09/07          |

| L6  | <del></del> | (compress\$4expand \$3 (compress\$3) adj4 decompress\$3 adj3 decompress\$4) (concot\$4 adj4 decod \$4) (cod\$3 adj4 decod\$4) with (acord\$4) based) with (language type)                               | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/07<br>18:49 |
|-----|-------------|---|---|----|-----|---------------------|
| L7  | 283         | (compress\$4expand<br>\$3 (compress\$3)<br>adj4 decompress\$3)<br>(compress\$4)<br>decompress\$4)<br>(encod\$4 adj4 decod<br>\$4) (cod\$3 adj4<br>decod\$4)) with (file<br>job) with (language<br>type) | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/07<br>18:50 |
| L8  | 258         | (multiple many<br>plural) with (kind<br>type) with compress<br>\$4 with data with<br>system   | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/07<br>18:50 |
| L9  | 2922        | image with data<br>with (multiple many<br>plural) with<br>compress\$4   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/07<br>18:51 |
| L10 | 684214      | different with data<br>win type with<br>(another different)<br>with compress\$4<br>with (method<br>system apparatus)  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/07<br>18:53 |
| L11 | 13124       | print\$3 with (((without) with delay\$4) flight (real with time))   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/07          |
| L12 | 926762      | (different type) with (job data language)   | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/07<br>18:54 |

| L13 | 421193 | type adj5 (data<br>structure language)   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/07<br>18:55 |
|-----|--------|--|---|----|-----|---------------------|
| L14 | 2      | job with discrimin\$4<br>with (portion<br>section) with ((real<br>adj3 time) flight<br>(without adj4 delay<br>\$3))  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2009/09/07<br>18:57 |
| L15 | 4      | control\$4 with assign<br>\$4 with<br>((compression<br>\$expand\$4)<br>(compress\$4 adj4<br>((decompress\$4<br>expand\$4 decod\$4))<br>(cod\$4 adj4 decod<br>\$4))) with job               | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/07<br>18:59 |
| L16 | 1131   | data adj3 structure<br>with job  | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/07<br>19:01 |
| L17 | 2496   | ((compression<br>\$expand\$4)<br>(compress\$4 adj4<br>((decompress\$4<br>expand\$4 decod\$4))<br>(cod\$4 adj4 decod<br>\$4))) with ((without<br>adj3 delay\$4) flight<br>(real adj4 time)) | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/07<br>19:02 |
| L18 | 6375   | 1 and 2  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2009/09/07<br>19:06 |
| L19 | 504874 | 3 and 4  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | OR | ON  | 2009/09/07<br>19:06 |

| L20 | 1    | 5 and 6   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:06 |
|-----|------|-----------|---|----|----|---------------------|
| L21 | 0    | 7 and 8   | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:06 |
| L22 | 58   | 8 and 9   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:08 |
| L23 | 1    | 17 and 22 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:08 |
| L24 | 2092 | 18 and 19 | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:09 |
| L25 | 3    | 17 and 24 | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:14 |
| L26 | 4139 | 10 and 11 | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:18 |
| L27 | 94   | 17 and 26 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | OR | ON | 2009/09/07<br>19:18 |

| L28 | 0      | 16 and 27 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:19 |
|-----|--------|-----------|---|----|----|---------------------|
| L29 | 79     | 13 and 27 | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:19 |
| L30 | 0      | 8 and 29  | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:19 |
| L31 | 242794 | 12 and 13 | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:20 |
| L32 | 2      | 16 and 17 | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:20 |
| L33 | 5656   | 11 and 12 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:23 |
| L34 | 1849   | 31 and 33 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:23 |
| L35 | 4      | 24 and 34 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | OR | ON | 2009/09/07<br>19:23 |

| L36 | 211346 | 1.clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:34 |
|-----|--------|--------|---|----|----|---------------------|
| L37 | 959    | 2.clm. | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:34 |
| L38 | 290016 | 3.clm. | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07          |
| L39 | 96800  | 4.clm. | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:34 |
| L40 | 4388   | 5.clm. | US PGPUB;<br>USPAT; USOCR;<br>FFRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:34 |
| L41 | 0      | 6.clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
| L42 | 24     | 7.clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
| L43 | 16     | 8.clm. | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |

| L44 | 288    | 9.clm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
|-----|--------|---------|---|----|----|---------------------|
| L45 | 87215  | 10.dm.  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
| L46 | 709    | 11.dm.  | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
| L47 | 136760 | 12.dm.  | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
| L48 | 33042  | 13.dm.  | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
| L49 | 1      | 14.clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
| L50 | 3      | 15.clm. | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:35 |
| L51 | 141    | 16.clm. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | OR | ON | 2009/09/07<br>19:35 |

| L52 | 109   | 17.clm.   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:36 |
|-----|-------|-----------|---|----|----|---------------------|
| L53 | 0     | 51 and 52 | US PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:36 |
| L54 | 24733 | 47 and 48 | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:36 |
| L55 | 239   | 36 and 37 | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:36 |
| L56 | 72946 | 38 and 39 | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:37 |
| L57 | 37    | 54 and 55 | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:37 |
| L58 | 0     | 56 and 57 | US-PCPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:37 |
| L59 | 0     | 42 and 43 | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM TDB | OR | ON | 2009/09/07<br>19:37 |

| L60 | 74     | 44 and 45  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:37 |
|-----|--------|--|---|----|----|---------------------|
| L61 | 0      | 57 and 60  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:37 |
| L62 | 75     | 45 and 46  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:38 |
| L63 | 0      | 60 and 61  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:38 |
| L64 | 0      | 60 and 62  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:39 |
| L65 | 174502 | sakiyama.in. kamei.<br>in. hashimoto.in.<br>morikawa.in. | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:43 |
| L66 | 9      | 17 and 65  | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:48 |
| L67 | 6      | 1 and 66   | US-PGPUB;<br>USPAT; USOCR;<br>FPRS; EPO;<br>JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2009/09/07<br>19:48 |

EAST Search History (Interference)

| Ref# | Hits    | Search Query  | DBs            | Default<br>Operator | Plurals | Time Stamp       |
|------|---------|---|----------------|---------------------|---------|------------------|
| L68  | 601     | "136"   | USPAT;<br>UPAD | OR                  | ON      | 2009/09/07 19:53 |
| L69  | 1943141 | "36"  | USPAT;<br>UPAD | OR                  | ON      | 2009/09/07 19:53 |
| L70  | 4206149 | "1".clm.  | USPAT;<br>UPAD | OR                  | ON      | 2009/09/07 19:53 |
| L71  | 533997  | ((data adj4 process<br>\$3) printer fax<br>facsimile)   | USPAT;<br>UPAD | OR                  | OFF     | 2009/09/07 19:54 |
| L72  | 1314    | ((compression\$expand<br>\$4) (compress\$4 adj4<br>((decompress\$4<br>expand\$4 decod\$4))<br>(cod\$4 adj4 decod<br>\$4))) with ((without<br>adj3 delay\$4) flight<br>(real adj4 time))             | USPAT;<br>UPAD | OR                  | ON      | 2009/09/07 19:54 |
| L73  | 4463    | (file job) adj4 ((data<br>adj5 structure)<br>architect\$5)  | USPAT;<br>UPAD | OR                  | OFF     | 2009/09/07 19:55 |
| L74  | 295374  | output\$3 with (port section interface)   | USPAT;<br>UPAD | OR                  | OFF     | 2009/09/07 19:56 |
| L75  | 9589    | (plurality many<br>multiple) with<br>(compress\$4expand<br>\$3 (compress\$4 adj5<br>decompress\$3) (cod<br>\$3 adj4 decod\$4)<br>(compress\$4 adj3<br>expand\$3) (encod\$4<br>adj3 decod\$4))       | USPAT;<br>UPAD | OR                  | OFF     | 2009/09/07 20:00 |
| L76  | 9589    | (plurality many<br>multiple) with<br>(compress\$4expand<br>\$3 (compress\$4 adj5<br>decompress\$3) (cod<br>\$3 adj4 decod\$4)<br>(compress\$4 adj3<br>expand\$3) (encod\$4<br>adj3 decod\$4))       | USPAT;<br>UPAD | OR                  | OFF     | 2009/09/07 20:00 |
| L77  | 143     | (compress\$4expand<br>\$3 (compress\$3 adj4<br>decompress\$3<br>(compress\$3)<br>(ecompress\$4) (encod<br>\$4 adj4 decod\$4) (cod<br>\$3 adj4 decod\$4))<br>with (file job) with<br>(language type) | USPAT;<br>UPAD | OR                  | OFF     | 2009/09/07 20:01 |

| L78 | 150    | (multiple many plural)<br>with (kind type) with<br>compress\$4 with data<br>with system                              | USPAT;<br>UPAD | OR | ON  | 2009/09/07 20:01 |
|-----|--------|--|----------------|----|-----|------------------|
| L79 | 1388   | image with data with<br>(multiple many plural)<br>with compress\$4   | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:02 |
| L80 | 273430 | different with data<br>wih type with<br>(another different)<br>with compress\$4 with<br>(method system<br>apparatus) | USPAT;<br>UPAD | OR | ON  | 2009/09/07 20:03 |
| L81 | 196607 | type adj5 (data<br>structure language)   | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:04 |
| L82 | 1026   | 71 and 72  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:05 |
| L83 | 4      | 73 and 82  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:05 |
| L84 | 4      | 72 and 73  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:05 |
| L85 | 1416   | 73 and 74  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:06 |
| L86 | 9      | 75 and 85  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:06 |
| L87 | 9589   | 75 and 76  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:06 |
| L88 | 9      | 85 and 87  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:06 |
| L89 | 5      | 77 and 78  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:06 |
| L90 | 0      | 88 and 89  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:07 |
| L91 | 834    | 79 and 80  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:07 |
| L92 | 279    | 81 and 91  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:07 |
| L93 | 279    | 91 and 92  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:19 |
| L94 | 2      | 77 and 93  | USPAT;<br>UPAD | OR | OFF | 2009/09/07 20:19 |

## 9/7/2009 8:20:49 PM

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